

FIG. 1

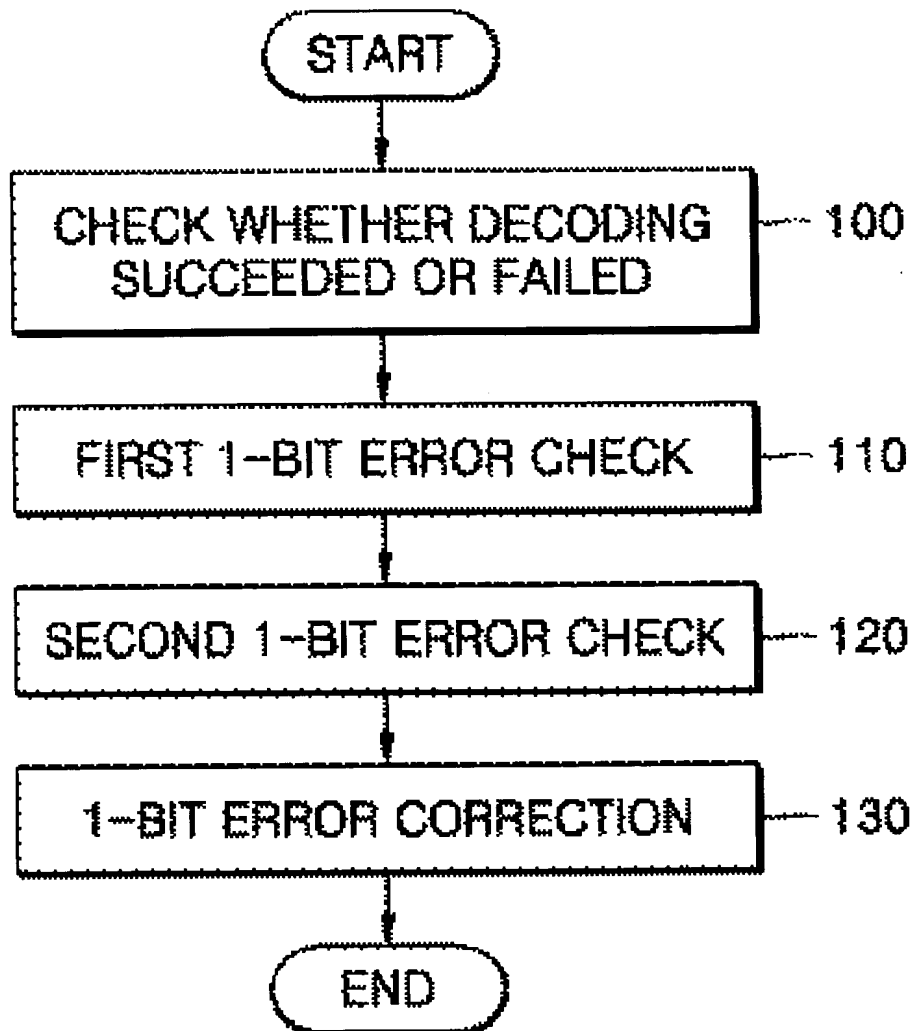


FIG. 2

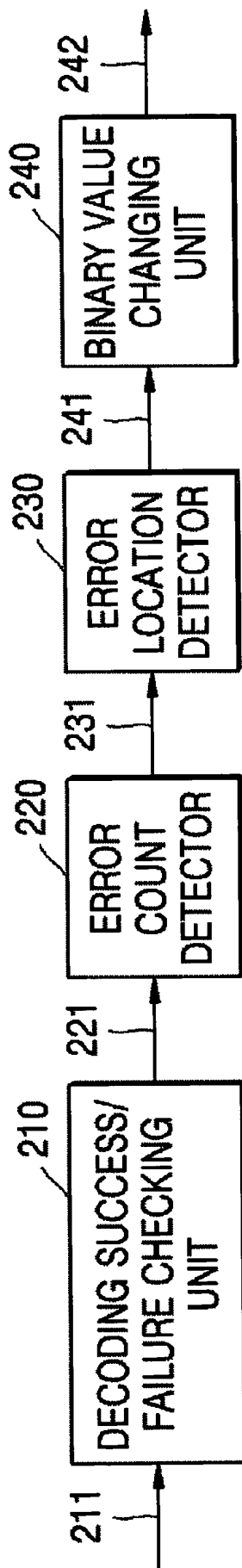


FIG. 3

$$\begin{array}{c}
 R_1 \\
 R_2 \\
 \vdots \\
 R_j \\
 \vdots \\
 R_m
 \end{array}
 \begin{array}{c}
 C_1 \quad C_2 \quad \dots \quad C_k \quad \dots \quad C_n \\
 \left[\begin{array}{cccccc}
 h_{11} & h_{12} & \dots & h_{1k} & \dots & h_{1n} \\
 h_{21} & h_{22} & \dots & h_{2k} & \dots & h_{2n} \\
 \vdots & \vdots & & \vdots & & \vdots \\
 h_{j1} & & \dots & h_{jk} & \dots & h_{jn} \\
 \vdots & \vdots & & \vdots & & \vdots \\
 h_{m1} & & \dots & h_{mk} & \dots & h_{mn}
 \end{array} \right]
 \end{array}
 \begin{array}{c}
 \left[\begin{array}{c}
 x_1 \\
 x_2 \\
 x_3 \\
 \vdots \\
 x_n
 \end{array} \right]
 \end{array}
 =
 \begin{array}{c}
 \left[\begin{array}{c}
 z_1 \\
 z_2 \\
 z_3 \\
 \vdots \\
 z_m
 \end{array} \right]
 \end{array}$$

$\underbrace{\hspace{10em}}_H \qquad \underbrace{\hspace{2em}}_C \qquad \underbrace{\hspace{2em}}_Z$

FIG. 4

$$\begin{array}{c}
 R_1 \\
 R_2 \\
 \vdots \\
 \vdots \\
 \vdots \\
 \vdots \\
 \vdots \\
 R_{10}
 \end{array}
 \begin{array}{c}
 C_1 \quad C_2 \quad \dots \quad C_{10} \quad \dots \quad C_{20} \\
 \left[\begin{array}{cccccc}
 1 & 0 & & 0 & & 0 \\
 0 & 1 & & 0 & & 0 \\
 1 & 0 & & 1 & & 0 \\
 0 & 1 & & 0 & & 0 \\
 1 & 0 & & 0 & & 0 \\
 0 & 1 & & 0 & & 1 \\
 0 & 0 & & 1 & & 1 \\
 0 & 0 & & 0 & & 1 \\
 0 & 0 & & 0 & & 0 \\
 0 & 0 & & 1 & & 0
 \end{array} \right]
 \end{array}
 \begin{array}{c}
 \left[\begin{array}{c}
 x_1 \\
 x_2 \\
 \vdots \\
 \vdots \\
 \vdots \\
 \vdots \\
 \vdots \\
 \vdots \\
 x_{10} \\
 \vdots \\
 \vdots \\
 \vdots
 \end{array} \right]
 \end{array}
 =
 \begin{array}{c}
 \left[\begin{array}{c}
 0 \\
 0 \\
 1 \\
 0 \\
 0 \\
 0 \\
 1 \\
 0 \\
 0 \\
 1
 \end{array} \right]
 \end{array}$$

$\begin{array}{l} 411 \\ 412 \\ 413 \end{array}$

FIG. 5

